DOVE

SPECULUM ANNI

OR AN

ALMANACK

For the Year of our

LORD GOD

1678.

Being the second after the Bissextile or Leap-year and from the worlds Creation 5682.

Wherein is contained a Chronology, the Planets Aspects, Eclipses, Terms, Inclination of the Air, with other things of note.

Calculated properly for the famous University and Town of *Cambridge*, where the North Pole is elevated above the Horizon 52 degr. and 17 min.

But may indifferently serve for any place within this Kingdom.

Non nobis solum nati sumus sed partim patriæ, partim parentibus, partim amicis debemus.

CAMBRIDGE,

Printed by *John Hayes*, Printer to the University, 1678.

The Common Notes and Moveable Feasts for this year 1678.

THe Golden number	7
The Cycle of the Sun	7
The Epact	17
The Dominical Letter	F
Shrove-sunday	Feb. 10
Easter-day	March 31
Rogation-sunday	May 5
Ascension-day	May 9
Whitsunday	May 19
Trinity sunday	May 26
Advent-sunday	Decemb. 1

The Terms with their Returns for this year.

Hilary Term begins January 23, and ends February 12, and hath 4 returns, *viz.*

Octab. Hilar. January	20
Quind. Hilar. Jan.	27
Craft. Purif. February	3
Octab. Purif. February	10

Easter Term begins April 17, and ends May 13, and hath 5 returns.

Quind. Pasch. April	15
Tres Pasch. April	22
Mens. Pasch. Apr.	29
Quind. Pasch. May	6
Craft. Ascen. May	10

Trinity Term begins May 31, and ends June 19 and hath 4 return.

Craft Trin. May	27
Octab. Trin. June	4
Quind. Trin. June	11
Tres Trin. June	18

Michaelmas Term begins October 23, and ends November 28, and hath 6 returns.

Tres Mich. Octob.	20
Mens. Mich. Octob.	27
Craft. Anim. November	3
Craft. Mart. November	12
Octab. Mart. November	19
Quind. Mart. November	26

Note that the Exchequer openeth 8 days before any Term, except the Term of Trinity, in which it openeth but 4 days before.

Dvv

The Anatomy of mans body.

The names and Characters of the 12 Signs.

♈ Aries Head and Face	♎ Libra Reins and Loyns
♉ Taurus Neck and Throat	♏ Scorpio secret Members
♊ Gemini Arms & Should.	♐ Sagittarius the Thighs
♋ Cancer Breast and Stom.	♑ Capricornus the Knees.
♌ Leo Heart and Back	♒ Aquarius the Legs
♍ Virgo Bowels and Belly	♓ Pisces the Feet

The Suns entrance into the 4 Cardinal Signs.

He enters Aries March 10,20 m. past 3 in the morning
He enters Cancer June 11 at 6 in the morning
He enters Libra September 13,at 10 m. before 1 mor.
He enters Capricorn Decemb. 11 at noon

Note that the Planet Venus, will be our evening Star from the beginning of the year to the 9 of April; and after that our morning Star till the years end.

A brief account of the moſt remarkable paſſages which have happened in England *ſince the year*, 1640. *The year begin. at Jan. the* 1.

1640 THe long Parliament began *Nov.* 3. The Earl of Strafford beheaded *May* 12 following.

1641 *May* 2 the Prince of Orange was married to the Lady Mary. The ſame year *Octob.* 23 the Rebellion in *Ireland* began.

1642 Sir J. Hotham denies the King entrance into *Hull*.
The Earl of Eſſex made general for the Parliament.
The King ſetteth up his Standard at *Nottingham*.
The battel at Edge-Hill *October* 23, where above 5000 were ſlain.
Brainford Fight *November* 13 and 14.

1643 The Lord Brook ſhot in the eye.
The Battel on Hopton-Heath, *March* 18
Cheapſide-Croſs demoliſhed, and an Act paſſed for an Aſſembly of Divines to ſettle Religion, and likewiſe a vote for a new Great Seal.
Sir William Waller routed by the Kings forces.
The firſt Battel at Newbury, *September* 20.
The Covenant (that Bond of iniquity) taken by the houſe of Commons, *September* 25.

1644 The Scotch-Army of 20000 Horſe and Foot entred *England*. Marſton-moor fight *July* 2, where above 7000 were ſlain.
This year came divers Ambaſſadours from *France*, *Holland* and *Spain*, to mediate between the King and Parliament.
Newbury ſecond Battel, *Octob.* 27.
3 Suns ſeen in *London*, *Novemb.* 19.

Sir

Sir Thomas Fairfax made General in the room of *Eſſex*.

1645 The Arch-Biſhop of *Cant.* beheaded *Jan.* 10.

The Parliament vote that the clauſe for preſervation of his Majeſties perſon ſhould be left out of Sir *Tho. Fairfax* his Commiſſion, *March* 24.

Oxford cloſely beſieged, *May* 22.

The fatal Battel at *Naſeby*, *June* 14.

Carliſle after a long ſiege delivered to the Scots.

Briſtol ſurrendred *September* 11. Routon-Heath Battel, *September* 24.

Baſing Houſe taken by ſtorm, *October* 14.

Dartmouth ſtormed and taken, and Belvoire-Caſtle ſurrendred.

His Royal Majeſty offered at this time to come to the Parliament, and adviſe with them for the good of the Nation upon reaſonable conditions, but they would not conſent to it.

1646 The Earl of *Eſſex* died *September* 14.

The treacherous Scots ſold the King to the Parliament for 400000 pounds.

1647 His Majeſty was brought priſoner to Holmby, *Feb.* 17.

The City declares againſt the Army, but upon the Armies approach they ſubmit.

1648 The Parliament vote that no further addreſſes be made to the King, *January* 30

Part of the Navy declare for the King, *May* 27.

Maidſtone fight, *May* 31. The Welch-Army of 8400 routed by Col. *Horton*.

Duke Hamilton entred *England* with an Army for his Majeſty. Colcheſter yielded, Sir Charles Lucas and Sir George Liſle ſhot to death, *Auguſt* 28.

The Treaty began in the Iſle of Wight, *September* 8.

An Ordinance nominating divers perſons to try

the King *December* 28, being tendrd to the Lords was by them refuſed.

1649 The pretended High Court of Juſtice proclaimed *January* 9.

His Royal Majeſty moſt barbarouſly murdered, *Jan.* 30.

1650 The Kings Statue erected in the Royal Exchange. broken down by the Uſurpers, *Auguſt* 10.

A great fight at Dunbar in *Scotland*, *Septemb.* 3

1651 King *Charles* II Crowned at Schoon in *Scotland*, *Jan.* 1.

The Scotch Army again enter *England*, *Aug.* 8.

Worceſter fight *Septemb.* 3. 3000 ſlain and 10000 taken priſoners.

1652 A great Sea-fight between the Engliſh and Dutch, wherein the Dutch were worſted.

1653 The Rump Parliament diſſolved by the Army, *April* 10.

A ſecond fight between the Engliſh and Dutch, *June*, 2, 3.

A third fight *July* 29 and 30, wherein *Vantrump* was ſlain.

1654 Oliver the Tyrant ſummond a Parliament, *Sep.* 3. and diſſolved it again the 22 of *January* following, he was proclaimed Protectour *June* 26.

1656 The River of Thames ebbed and flowed twice in 3 hours, *October* 3.

1658 Dunkirk ſurrendred to the Engliſh, *June* 25.

Oliver died *September* 3, and the next day his ſon was proclaimed Protectour.

1659 White-hall and Somerſet houſe voted to be ſold *May* 16. Sir George-Booth up in Cheſhire, *Aug.* 1.

1660 The Lord General Monk marcheth from *Scotland* to *London*.

The ſecluded Members reſtored. *February* 21.

Admiral *Montague* with the whole Navy ſubmit to his Ma-

Majeſty, *May* 3. and the 8 his Majeſty was proclaimed in *London*, the 25 he landed at *Dover*, and the 29 at White-hall.

General Monk created Duke of Albemarl, *July* 12.

The Duke of Glouceſter died, *September* 13

About this time many of the Regicides were executed.

The Queen mother returned to Whitehall, *November* 2.

1661 King *Charles* II Crowned at *Weſtminſt.* *April* 23.

The Queen of *Bohemia* came to *London*, *May* 17.

1662 Queen *Katherine* landed at Portſmouth *May* 14, and the 23 of *Aug.* following ſhe came to White-hall.

1664 The Houſe of Commons voted his Majeſty a ſupply of 2:000000 pounds ſterling.

Three Comets appeared in a ſhort time.

1665 The great Plague in *London* began *Apr.* 25, whereof died 100000.

A great fight between the Eng. and Dutch *June* 3, wherein the Dutch were beaten.

The Parliament voted his Majeſty a ſupply of 1250000 pounds, *October* 11.

1666 Another fight between the Engliſh and Dutch *June* 2, 3, 4. a third fight in *Aug.* following.

The ſad fire in *London* which burned within the walls 87 Pariſhes, & much building without. *Sept.* 3, 4, 5, 6.

1672 War proclaimed againſt the Dutch, *March* 28.

1673 Several ſea fights between the Engliſh and Dutch.

1674 A Peace concluded between the Engliſh and Dutch, *Feb* 9.

The Duke of Monmouth Inſtalled Chancellour of *Camb.* *Septemb.* 3.

Last quart. 5 day, 5 min. past 9 before noon
New moon 12 day, 4 min. past 7 at night
First quart. 19 day, at 3 afternoon
Full moon 27 day, at 5 in the morning.

1	a	New years da.	Leo	6	22		
2	b	Octab. Steph.	Virg.	12	23		
3	c	Oct. John		24	24	Frosty wea-	
4	d	Octab. Inno.	Libr.	6	25	ther fitting	
5	e	Simeon		19	26	the season.	
6	f	Twelfth day	Scorp.	1	27		
7	g	Ced bis. Con.		15	28		
8	a	Lucian		28	29	△ ♄ ☿ 10 p.	
9	b	Adrian Ab.	Sagit.	11	♒	☽ ☊	
10	c	Sun in Aquar.		28	1	High winds.	
11	d	Hygin	Capr.	12	2		
12	e	Benedict.		27	3		
13	f	1 aft. Epiph.	Aquar.	12	4	△ ♄ ☉ 12 4.	
14	g	Hilary bish.		28	5	with snow or	
15	a	Mauritius	Pisces	13	6	rain.	
16	b	Marcellus		27	7	☽ ♉	
17	c	Anthony	Aries	11	8		
18	d	Prisca		25	9	■ ♄ ♃ 13 p.	
19	e	Wolstan	Taur.	8	10	♄ Stat. ad Dir.	
20	f	2 after Epiph.		21	11	✱ ♂ ♀	
21	g	Agnes	Gem.	3	12		
22	a	Vincent M.		15	13		
23	b	Term begins		27	14	♂ ♃ ☿	
24	c	Timothy	Canc.	9	15	Not much	
25	d	Conv. S. Paul		21	16		
26	e	Polycarp.	Leo	3	17		
27	f	3 after Epiph.		15	18	△ ♄ ♂	
28	g	Gildas ab.		27	19	alteration.	
29	a	Carolus m.	Virg.	9	20		
30	b	K. C. I. Mar.		21	21		
31	c	Saturn	Libra	3	22		

The new year enters mild and ſtill,
As though the Planets meant no ill:
But Saturn with his lowring eye,
Brings bad weather, and a dark sky.

January 1678.

		Sun-riſing.		Sun-ſetting.	
1	8		4	3	56
2	8		3	3	57
3	8		2	3	58
4	8		0	4	0
5	7		59	4	1
6	7		58	4	2
7	7		57	4	3
8	7		55	4	5
9	7		54	4	6
10	7		53	4	8
11	7		52	4	9
12	7		51	4	10
13	7		50	4	12
14	7		48	4	13
15	7		47	4	14
16	7		46	4	15
17	7		45	4	16
18	7		44	4	18
19	7		40	4	20
20	7		38	4	22
21	7		36	4	24
22	7		35	4	26
23	7		32	4	28
24	7		30	4	30
25	7		28	4	32
26	7		26	4	34
27	7		24	4	36
28	7		22	4	38
29	7		20	4	40
30	7		18	4	42
31	7		16	4	44

February hath xxviii days,

Last quart. 4 day, 54 min. past 3 afternoon
New moon 11 day, 45 min. past 5 in the evening
First quart. 18 day, at 9 in the morning
Full moon 26 day, 15 min past noon .

M.D.	W.D.	Festiv. days with Terms.	Moons place.	Suns pl.	Inclination of the air.
1	d	Bridget fast	Libra 18	23	
2	e	Candlemas	28	24	Seasonable
3	f	Sexagesima	Scorp. 11	25	☿ Stat. ad Ret.
4	g	Cromack	24	26	weather for
5	a	Agatha	Sagit. 8	27	
6	b	Dorothy	21	28	
7	c	Rumwald	Capr. 6	29	☌ ♃ ☿ 15 p.
8	d	Sun in Pisces	20	♓	the time of
9	e	Apolonia	Aqua. 5	1	the year.
10	f	Quinquagesi.	21	2	☐ ♄ ☿ 11 p.
11	g	Euphrosina	Pisces 6	3	☌ ☉ ☿
12	a	Shrove-tuesd.	21	4	High winds
13	b	Ashwednesd.	Aries 6	5	
14	c	Valentine	20	6	☌ ♃ ☉
15	d	Faustine	Taur. 3	7	and cold
16	e	Policron	17	8	✶ ♀ ☿
17	f	1 sun. in Lent.	29	9	wet.
18	g	Simeon	Gem. 12	10	
19	a	Sabine	24	11	
20	b	Ember week	Can. 6	12	
21	c	Cimbert	18	13	
22	d	Cath. Pet.	Leo 0	14	
23	e	Serenus fa.	12	15	
24	f	S. Matthias	23	16	
25	g	Johan b.	Virg. 6	17	☿ St. ad Re.
26	a	Victorin	18	18	
27	b	Fortunatus	Libra 0	19	Clear and
28	c	Osward bis.	13	20	sharp air.

Some mild Aſpects this moneth doth bring,
As if it was an early ſpring:
But Mercury with Saturn joyn'd,
Brings in the midſt cold wet and wind.

February 1678.

	Sun-rising.		Sun-setting.	
1	7	144	4	46
2	7	12	4	48
3	7	10	4	50
4	7	8	4	52
5	7	6	4	54
6	7	4	4	56
7	7	2	4	58
8	7	0	5	0
9	6	59	5	1
10	6	57	5	3
11	6	55	5	5
12	6	54	5	6
13	6	52	5	8
14	6	50	5	10
15	6	48	5	12
16	6	46	5	14
17	6	44	5	16
18	6	42	5	18
19	6	40	5	20
20	6	38	5	21
21	6	36	5	24
22	6	34	5	26
23	6	32	5	28
24	6	30	5	30
25	6	28	5	32
26	6	26	5	34
27	6	24	5	36
28	6	22	5	38

March hath xxxi days.

Last quart. 6 day, 53 m. past 1 in the morning
New moon 12 day. 54 min. past 5 in the evening
First quart. 20 day, 4 min. past 4 in the morning
Full moon 28 day, at 4 in the morning.

1	d	David bis.	Libra	25	21		
2	e	Chad. bish.	Scorp.	8	22		The weather
3	f	3 sun. in Lent		21	23		at the begin-
4	g	Adrian mar.	Sagit.	4	24		ing of this
5	a	Eusebius		18	25		moneth very
6	b	Frederick	Capr.	1	26		good.
7	c	Aquinas		16	27		
8	d	Felix	Aquar.	0	28		
9	e	40 Martyrs		15	29		□ ♄ ♂ 8 m.
10	f	Midlent sund.		29			
11	g	Gregory	Pisces	14	1		♀ elon. à ☉
12	a	Oswin		29	2		✶ ♂ ♀ 7 m.
13	b	Wigan	Aries	14	3		
14	c	Leo bish.		28	4		Some high
15	d	Longine	Taur.	11	5		□ ♄ ♀ 10 m.
16	e	Cyriac		25	6		winds
17	f	5 sun. in Lent	Gem.	0	7		✶ ♀ ☿ 11 m.
18	g	Edward k.		20	8		with wet.
19	a	Joseph	Canc.	2	9		
20	b	Rupert		14	10		
21	c	Aphrodisius		26	11		
22	d	Theodore	Leo	8	12		
23	e	Egbert		20	13		♂ ♀ ♃ 9 m.
24	f	Palm-sunday	Virgo	2	14		
25	g	Lady day		14	15		♂ ☿ ☿ .
26	a	Castilus		26	16		A fine seed
27	b	Archibald	Libra	9	17		
28	c	Fremond		22	18		☽ ☊
29	d	Good Friday	Scorp.	5	19		
30	e	Guido fast		18	20		time.
31	f	Easter day	Sagit	1	21		

The moneth begins indifferent fair,
But now Mars with Saturn makes a ſquare:
Which oftentimes cold ſtorms doth bring,
And with bad weather pulls back the ſpring.

March 1678.

	Sun-riſing		Sun-ſetting	
1	6	18	5	42
2	6	16	5	44
3	6	14	5	46
4	6	12	5	48
5	6	10	5	50
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	31	6	28
25	5	30	6	30
26	5	28	6	32
27	5	26	6	34
28	5	24	6	36
29	5	22	6	38
30	5	20	6	40
31	5	18	6	42

April hath xxx days.

Last quart. 4 day, 6 min. past 8 in the morning
New moon 11 day, at 3 in the morning
First quart. 18 day, 58 min. past 7 at night
Full moon 26 day, at 3 in the morning

1	g	Con. M. M.	Sagit	15	22	
2	a	Francis		28	22	Wind
3	b	Richard B.	Capr.	12	23	✱ ♄ ☿ 3 p.
4	c	Ambrose		26	24	and clouds
5	d	Vincent	Aquar.	10	25	
6	e	Virtus		25	26	
7	f	Low-sunday	Pisc.	9	27	☌ ☉ ♀ 10 m.
8	g	Dustanus		23	28	
9	a	Frithstan	Aries	8	29	Warm April
10	b	Sun in Taur.		22	♉	showers
11	c	Leo Pope	Taur.	6	1	☌ ♀ ☿ 4 p.
12	d	Julius		19	2	
13	e	Melerit M.	Gem.	3	3	
14	f	2 aft. East.		16	4	
15	g	Oswald bis.		28	5	
16	a	S. Alban.	Canc.	10	6	
17	b	Term begins		22	7	
18	c	Oswin Mo.	Leo	4	8	High wind
19	d	Alphege		16	9	and storms.
20	e	Edwald K.		28	10	
21	f	3 sun. af. East.	Virg.	10	11	☌ ☉ ♀ 9 p.
22	g	Mother p. m.		22	12	✱ ♄ ☌ 7 p.
23	a	S. GEORGE	Libra	4	13	
24	b	Albertus		17	14	
25	c	S. Mark Evang.	Scorp.	e	15	
26	d	Cletus		13	16	Good
27	e	Anastasius		27	17	✱ ♃ ☿ 7 m.
28	f	4 sun. af. East.	Sagit	11	18	weather ends
29	g	Peter mart.		25	19	the moneth.
30	a	Katherine	Capr.	9	20	

In the beginning the weather proves unkind,
Saturn is with Mercury in Sextile joyn'd.
But towards the end it will better prove,
When Mercury in Sextile meets with Jove,

April 1678.

	Sun-rising.		Sun-setting.	
1	5	16	6	44
2	5	14	6	46
3	5	12	6	48
4	5	10	6	50
5	5	8	6	52
6	5	6	6	54
7	5	4	6	56
8	5	2	6	58
9	5	0	7	0
10	4	58	7	2
11	4	56	7	4
12	4	54	7	6
13	4	52	7	8
14	4	50	7	10
15	4	48	7	12
16	4	46	7	44
17	4	44	7	16
18	4	42	7	17
19	4	40	7	19
20	4	39	7	21
21	4	38	7	22
22	4	36	7	24
23	4	34	7	25
24	4	33	7	27
25	4	32	7	28
26	4	30	7	30
27	4	28	7	32
28	4	26	7	34
29	4	25	7	36
30	4	23	7	37

May hath xxxi days.

Last quart. 3 day, at 2 in the afternoon
New moon 10 day, 54 min. past 2 afternoon
First quart. 18 day, at 3 in the afternoon
Full moon 26 day, 50 min. past 3 in the morning.

1	b	Philip & Jac.	Capr.	23	21	☿ Stat. ad Dir.
2	c	Athanasius	Aquar.	7	22	fine showers
3	d	Invent. crus.		21	23	fitting the
4	e	Monica	Pisc.	5	24	season.
5	f	Rogation sun.		19	25	☌ ♄ ☿ 13 p.
6	g	John port lat.	Aries	3	26	
7	a	John Beverly		17	27	✶ ♃ ☉ 19 p.
8	b	Appar. Mich.	Taur.	1	28	☌ ☌ ♀ 20 p.
9	c	Holy Thurſd.		14	29	
10	d	Sun in Gem.		28	☊	
11	e	Anthony	Gem.	11	1	
12	f	ſund. aft. Aſc.		23	2	High winds.
13	g	Term ends	Canc.	6	3	
14	a	Boniface		18	4	✶ ☌ ☿ 15 p.
15	b	Dimpna vir.	Leo	0	5	
16	c	Ubaldus		12	6	Thunder
17	d	Sarah		24	7	
18	e	Oswald	Virgo	6	8	Storms.
19	f	Whitſunday		18	9	
20	g	Ethelbert	Libr.	0	10	Pleaſant
21	a	Timothy		12	11	weather.
22	b	Ember week		25	12	
23	c	William Bo.	Scorp.	8	13	☌ ♄ ☉ 16 p.
24	d	Brandinus		21	14	
25	e	Urban p m.	Sagit.	5	15	
26	f	Trinity ſund.		20	15	
27	g	Beda	Capr.	4	16	
28	a	Jonas ab.		19	17	Some wet.
29	b	K. Cha. a nat.	Aqua.	3	18	
30	c	Corpus Chr.		18	19	
31	d	Term begins	Pisc.	2	20	

With pleaſant ſhowrs the moneth begins,
Following each other like loving Twins:
But in the midſt it is no wonder,
If that you meet with ſtorms and thunder.

May 1678.

	Sun-riſing.		Sun-ſetting.	
1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	8	7	52
11	4	7	7	53
12	4	6	7	54
13	4	5	7	56
14	4	4	7	58
15	4	2	7	59
16	4	1	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	8	8
25	3	51	8	9
26	3	49	8	10
27	3	48	8	12
28	3	47	8	13
29	3	47	8	13
30	3	46	8	14
31	3	46	8	14

Last quart. 1 day, at 7 at night
New moon 9 day, 7 min. past 3 in the morning
First quarter 17 day, 40 min. past 6 in the morning
Full moon 4 day, 11 before noon.

1	♌	Pamphilius	Pisces	16	20	☽	High
2	♍	1 su. af. Trin.	Aries	0	21		✶♂☿ 11 p.
3	♎	Erasmus		14	22		wind.
4	♏	Petrocius		27	23		
5	♐	Boniface	Taur.	11	24		☿ Stat. ad Ret.
6	♑	Norbert		24	25		
7	♒	Paul Bil.	Gem.	7	26		
8	♓	Medard		19	27		
9	♈	2 sun. af. Trin.	Canc.	2	28		✶☿☿ 10 p.
10	♉	Margaret q.		14	29		some wet.
11	♊	S. Barnabas		26	♋		
12	♋	Basilides	Leo	8	1		Hot
13	♌	Anthony		20	2		□♃☉ 9 p.
14	♍	Basil mag	Virgo	2	3		gleams
15	♎	Crescentiam.		14	4		
16	♏	3 sun. af. Trin.		26	4		♂☉☿ 15 p.
17	♐	Botolph ab.	Libr.	8	5		♂♂☿ 17 p.
18	♑	Marcus		20	6		☿ el. Max. à ☉
19	♒	Term ends	Scorp.	3	7		and thunder.
20	♓	Silverius		16	8		
21	♈	Walburg		29	9		
22	♉	Paulinus	Sagit.	13	10		□♃☿ 16 p.
23	♊	4 aft. Trin.		28	11		
24	♋	S. John Bap.	Capr.	13	12		
25	♌	Amphibalus		28	13		Temperate
26	♍	John & Paul	Aquar.	13	14		weather
27	♎	Levinus		28	15		ends the
28	♏	Leo Pa. fast	Pis.	12	16		☿ St. ad Dir.
29	♐	S. Peter Apo.		27	17		✶♃☿ 13 p.
30	♑	5 aft. Trin.	Aries	11	18		moneth.

When the moneth begins with wind thats high,
You muſt expect ſome rain is nigh;
And in the midſt the air doth ring,
But at the end doth better bring.

June 1678.

	Sun-riſing.		Sun-ſetting.	
1	3	46	8	14
2	3	45	8	15
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	43	8	17
16	3	44	8	16
17	3	44	8	16
18	3	44	8	16
19	3	45	8	15
20	3	45	8	15
21	3	45	8	15
22	3	46	8	14
23	3	46	8	14
24	3	46	8	14
25	3	47	8	13
26	3	47	8	13
27	3	48	8	12
28	3	49	8	11
29	3	50	8	10
30	3	51	8	9

July hath xxxi days.

Last quart. 1 day, 20 min. past 1 in the morning
New moon 8 day, 56 min past 5 afternoon.
First quart. 16 day, at 8 at night
Full moon 23 day, 25 min. past 6 at night
Last quart. 30 day, 30 min. 10 before noon

1	☌	Romwald	Aries	24	19	
2	a	Visit Mary	Taur.	8	20	Very hot
3	b	Hiacynthus		21	21	□ ☿ ☌ 17 p.
4	c	Elisabeth	Gem.	3	22	✶ ☿ ☌
5	d	Anselm		16	23	with thun-
6	e	Hector		28	24	der.
7	f	6 aft. Trin.	Canc.	11	24	
8	g	Grumbald		23	25	
9	a	Cyril.	Leo	5	26	
10	b	7 Brethren		17	27	
11	c	Pius		29	28	
12	d	Henry	Virgo	11	29	☿ elon. Max.
13	e	Sun in Leo		23	☊	à ☉
14	f	7 aft. Trin.	Libra	5	1	
15	g	Swithin		17	2	♅ Sat. Retro.
16	a	Dimond		29	2	☌ ☍ ☿ 4 p.
17	b	Alexius	Scorp.	11	3	Missling
18	c	Rosina		24	4	rain.
19	d	Dog days be.	Sagit.	8	5	
20	e	Margar. M.		22	6	
21	f	8 aft. Trin.	Capr.	6	7	Good hay-
22	g	Mary Mag.		21	8	□ ♅ ☿ 4 p.
23	a	Apollinaris	Aquar.	6	9	weather.
24	b	Christian. fast		21	10	
25	c	S. James Ap.	Pisces	7	11	
26	d	Anna		22	12	
27	e	Martha	Aries	6	13	
28	f	9 aft. Trin.		20	14	Hail storms
29	g	Beatrix	Taur.	4	15	in some
30	a	Abdon		17	16	☌ ♄ ☌
31	b	Ignatius	Gem.	0	17	places.

What I from the Starry art can find,
To the Countrey man this moneth proves kind:
Some petty drops by chance may fall,
But the weather's good in general.

July 1678.

	Sun-rising.		Sun-setting.	
1	3	53	8	7
2	3	54	8	6
3	3	55	8	5
4	3	56	8	4
5	3	57	8	3
6	3	58	8	2
7	3	59	8	1
8	4	0	8	0
9	4	1	7	59
10	4	3	7	57
11	4	4	7	56
12	4	5	7	55
13	4	7	7	53
14	4	8	7	52
15	4	10	7	50
16	4	11	7	49
17	4	13	7	47
18	4	15	7	45
19	4	17	7	43
20	4	19	7	41
21	4	21	7	39
22	4	22	7	38
23	4	24	7	6
24	4	26	7	34
25	4	27	7	33
26	4	29	7	31
27	4	30	7	30
28	4	32	7	28
29	4	33	7	27
30	4	35	7	25
31	4	37	7	23

August hath xxxi days.

New moon the 7 day, 46 min. past 8 in the morning
First quart. the 15 day at 9 in the morning
Full moon the 22 day, 52 min. past midnight
Last quart. 28 day, 34 min. past 9 at night

1	c	Lammas day	Gem.	13	18	
2	d	Stephen M.		25	19	Good weather
3	e	Invent Ste.	Canc.	8	20	
4	f	10 aft. Trin.		20	21	✱ ♄ ☿
5	g	Festum min.	Leo	2	22	☌ ☉ ☿ ✱ ♄ ☉
6	a	Transf. Christi		14	23	12 p.
7	b	Donatus		26	24	
8	c	Cyriac	Virg.	6	25	✱ ♂ ☿ 8 p.
9	d	Roman		20	26	The former
10	e	S. Lawrence	Libra	2	27	part of the
11	f	11 after Trin.		14	28	moneth for
12	g	Clare		26	29	hay time.
13	a	Sun in Virg.	Scorp	8	♍	good.
14	b	Eusebius		21	1	✱ ♂ ☉ 10 p.
15	c	Assump. of M.	Sagit.	3	2	Cool and
16	d	Roch		17	3	moist about
17	e	Mammes	Capr.	0	4	□ ♃ ♂ 5 p.
18	f	12 aft. Trin.		15	5	this time.
19	g	Clintan k.		29	6	
20	a	Bernard	Aquar.	14	7	
21	b	Richard bis.	Pisces	0	8	Thunder
22	c	Timothy		15	9	□ ♄ ☿ 4 p.
23	d	Zacheus fast	Aries	0	10	△ ♃ ♀ 9 2.m.
24	e	S. Barthol.		15	11	with heat.
25	f	13 aft. Trin.		29	12	
26	g	Ireneus	Taur.	13	13	
27	a	Dog days end		27	13	☍ ♃ ☿ 9 m.
28	b	Augustine	Gem.	10	14	Good harvest
29	c	Decol. J. Bap.		22	15	weather.
30	d	Felix	Canc	5	16	
31	e	Adrian		17	17	

The Sun hath now produc'd his master piece,
He's come from Colchis with the Golden Fleece;
Good husbands now make haste and home it bring,
That afterwards you may have cause to sing.

August 1678.

	Sun-rising.		Sun-setting.	
1	4	39	7	21
2	4	41	7	19
3	4	43	7	17
4	4	44	7	16
5	4	46	7	14
6	4	48	7	12
7	4	49	7	11
8	4	51	7	9
9	4	53	7	7
10	4	55	7	5
11	4	57	7	3
12	4	59	7	1
13	5	0	7	0
14	5	2	6	58
15	5	4	6	56
16	5	6	6	54
17	5	8	6	52
18	5	10	6	50
19	5	12	6	48
20	5	14	6	46
21	5	16	6	44
22	5	17	6	43
23	5	19	6	41
24	5	21	6	39
25	5	23	6	37
26	5	25	6	35
27	5	27	6	33
28	5	29	6	31
29	5	30	6	30
30	5	32	6	28
31	5	34	6	26

September hath xxx days.

New moon the 4 day, 15 min. paſt 11 at night
Firſt quart. 13 day, 56 min. paſt 6 at night
Full moon 20 day, 30 min. paſt 9 in the morning
Laſt quart. 27 day, at 1 in the afternoon

1	F	14 ſun. af. Tr.	Canc.	19	18	
2	G	Veronica	Leo	11	19	□ ♂ ☿ 11 p.
3	a	Lupus		23	20	Very good
4	b	Cuthbert	Virgo	5	21	weather for
5	c	Victorin		16	22	
6	d	Magnus		28	23	□ ☉ ♄ 11 p.
7	e	Dunſtan	Libra	11	24	the ſeaſon.
8	F	15 aft. Trin.		23	25	
9	G	Gorgon	Scorp.	5	26	✶ ♄ ☿ 5 m.
10	a	Nicholas		18	27	High wind
11	b	Maurily	Sagit.	0	28	△ ♄ ☿ 15 p.
12	c	Eanſwide		13	29	
13	d	Sun in Libra		26	♎	and wet.
14	e	Exalt. Cru.	Capr.	10	1	
15	F	16 aft. Trin.		24	2	
16	G	Eupemia	Aquar.	8	3	
17	a	Hocrates		23	4	
18	b	Ember week	Pisces	8	5	☿ elon. à ☉
19	c	Januarius		23	6	
20	d	Fauſta faſt	Aries	8	7	Pleaſant wea-
21	e	S. Matthew		23	8	ther for ſome
22	F	Ordination	Taur.	8	9	days.
23	G	Eſdras		22	10	
24	a	Samuel	Gem.	5	11	
25	b	Cleophes		18	12	
26	c	Juſtin	Canc	1	13	High wind
27	d	Coſ. & Dam.		13	14	△ ♑ ♂ 13 p.
28	e	Wenceſlaus		25	15	♄ Stat. ad Ret.
29	F	S. Mich. arc.	Leo	7	16	The air incli-
30	G	S. Hierom.		19	17	ning to wet.

No sooner are the fruits oth' earth brought home,
But Sol doth to the equal balance come:
Thence teaching us to use just weights and measure,
'Tis one good way to gain eternal treasure.

September 1678.

	Sun-rising.		Sun-setting.	
1	5	36	6	24
2	5	38	6	22
3	5	40	6	20
4	5	42	6	18
5	5	44	6	16
6	5	46	6	14
7	5	48	6	12
8	5	50	6	10
9	5	52	6	8
10	5	54	6	6
11	5	56	6	4
12	5	58	6	2
13	6	0	6	0
14	6	2	5	58
15	6	4	5	56
16	6	6	5	54
17	6	8	5	52
18	6	11	5	49
19	6	13	5	47
20	6	5	5	45
21	6	7	5	43
22	6	20	5	40
23	6	22	5	38
24	6	24	5	36
25	6	26	5	34
26	6	28	5	32
27	6	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

New moon the 5 day, at 7 at night
First quart. 13 day, 6 min. before 3 in the morning
Full moon the 19 day, 27 min. before 12 at night
Last quart. the 27 day, 29 m. before 7 in the morning

1	a	Remigius	Virg.	11	18	
2	b	Leodegar		13	19	☿ Sta. ad Ret.
3	c	Candide		25	20	This moneth
4	d	Francis	Libra	7	21	begins with
5	e	Constance		19	22	▨ ♄ ☿ 12 p.
6	f	19 aft. Trin.	Scorp.	2	23	☉ Eclipsed.
7	g	Marcellus		14	24	♂ ♃ ☿ 3 m.
8	a	Pelagia		27	25	dark and cloud-
9	b	Dionysius	Sagit.	10	26	dy weather.
10	c	Gereva		23	27	□ ♂ ☿ 7 m.
11	d	Nicasius	Capr.	7	28	High wind
12	e	Wilfred		21	29	♂ ☉ ☿ 17 p.
13	f	Sun in Scorp.	Aquar.	4	m	with a proba-
14	g	Calixtus		19	1	bility of rain
15	a	Hedelwide	Pisc.	3	2	for many
16	b	Gallus		18	3	days.
17	c	Audrey	Aries	2	4	△ ♄ ☿ 4 p.
18	d	S. Luke Evan.		17	5	
19	e	Potolome	Taur.	1	6	☽ Ecli. cum ♈
20	f	21 aft. Trin.		16	7	□ ♂ ☉ 10 p.
21	g	Ursula	Gem.	0	8	
22	a	Cordula		13	9	☿ Stat. ad Dir.
23	b	Term begins		26	10	Good and
24	c	Salome	Canc.	9	11	pleasant weat.
25	d	Crispine		21	12	about this ti.
26	e	Amandus	Leo	4	13	the season con-
27	f	22 aft. Trin.		16	14	sidered.
28	g	Simon & Ju.		27	15	☿ elon. à ☉
29	a	Eadfine	Virg.	9	16	△ ☿ ♄ 10 m.
30	b	German		21	17	The mon. ends
31	c	Quintin first	Libra	3	18	with wet wea.

The Scorpion now brings winter at his tail,
And mists and clouds over the Sun prevail:
Cold blasts uncloath both trees and other plants,
And leave them naked when most heat they want.

October 1678.

	Sun-rising.		Sun-setting.	
1	6	39	5	21
2	6	41	5	19
3	6	43	5	17
4	6	45	5	15
5	6	47	5	13
6	6	49	5	11
7	6	50	5	10
8	6	52	5	8
9	6	54	5	6
10	6	56	5	4
11	6	58	5	2
12	7	0	5	0
13	7	2	4	58
14	7	4	4	56
15	7	6	4	54
16	7	8	4	52
17	7	10	4	50
18	7	12	4	48
19	7	14	4	46
20	7	15	4	45
21	7	17	4	43
22	7	19	4	41
23	7	20	4	40
24	7	22	4	38
25	7	24	4	36
26	7	25	4	35
27	7	27	4	33
28	7	29	4	31
29	7	30	4	30
30	7	32	4	28
31	7	33	4	27

November hath xxx days.

New moon the 4 day, 18 min. before 9 in the morning
First quart. the 11 day, at 50 min. before noon
Full moon the 18 day, at 9 in the morning
Last quart. the 26 day, at 19 m. before 6 in the morn.

1	D	All saints	Libra	15	19		
2	E	All Souls		28	20	Very good	
3	F	23 aft. Trin.	Scorp.	10	21		
4	G	Vitalis		23	22	☉ Eclipsed	
5	a	Powder plot	Sagit.	6	23	△ ♃ ☽ 14 p.	
6	b	Leonard		20	24	weather for	
7	c	Wildebrode	Capr.	4	25	the season.	
8	d	Claudius		17	26		
9	e	Theodorus	Aquar.	1	27	♃ Stat. ad Dir.	
10	f	24 after Trin		15	28	high	
11	g	Martin bis.		29	29	□ ♂ ☿ 11 p.	
12	a	Sun in Sagit.	Pisces	14	♄	wind and ve-	
13	b	Cras. Mart.		28	0	ry violent	
14	c	Frederick	Aries	12	1	storms.	
15	d	Leopald		26	2		
16	e	Edmund b.	Taur.	10	3		
17	f	25 aft. Trin.		24	4	△ ♃ ☿ 16 p.	
18	g	Octab. Mart.	Gem.	8	5		
19	a	Elizabeth		21	6		
20	b	Edmund K	Canc.	4	7		
21	c	Oblat. Mary		17	8		
22	d	Cecily		29	9	Jupiters	
23	e	Clement	Leo	12	10	△ ♃ ♀ 11 p.	
24	f	26 aft. Trin.		24	11	Trine with	
25	g	Quind. Mart.	Virgo	5	13	Venus ends	
26	a	Peter b m.		17	14	the moneth	
27	b	Oda virgin		29	15	with good	
28	c	Term ends	Libra	11	16	weather.	
29	d	Saturn fast		23	17		
30	e	S. Andrew	Scorp.	6	18		

The moneth begins very mild and well,
Till Mercury and Mars begin to ſwell;
And in the midſt you will them raging find,
But Jupiter and Venus at laſt prove kind.

November 1678.

	Sun riſing		Sun ſetting	
1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	19
5	7	43	4	17
6	7	45	4	15
7	7	47	4	13
8	7	49	4	11
9	7	51	4	9
10	7	52	4	8
11	7	54	4	6
12	7	55	4	5
13	7	57	4	3
14	7	58	4	2
15	7	59	4	1
16	8	0	4	0
17	8	1	3	59
18	8	2	3	58
19	8	3	3	57
20	8	4	3	56
21	8	5	3	55
22	8	6	3	54
23	8	7	3	53
24	8	8	3	52
25	8	9	3	51
26	8	10	3	50
27	8	11	3	49
28	8	12	3	48
29	8	12	3	48
30	8	13	3	47

December hath xxxi days.

New moon the 4 day, 30 min. before 1 in the morn.
Firſt quart. the 10 day, 10 min. paſt 7 at night
Full moon the 18 day, 15 min. before one in the morn.
Laſt quart. the 26 day, 30 min. paſt 3 in the morn.

1	F	Advent-ſund.	Scorp.	18	19	☌	The moneth
2	G	Bibeana	Sagit.	2	20		△ ♂ ☉ 8 M.
3	a	Lucius		15	21		♂ ♄ ☿ 15 p.
4	b	Barbara		29	22		with rain
5	c	Sabbas	Capr.	13	23		
6	d	Nicholas		27	25		□ ♃ ☉ 8 p.
7	e	Ambroſe	Aquar.	12	26		or ſnow.
8	F	2 ſun. in Adv.		26	27		♂ ☌ ☿ 5 p.
9	G	Leocadia	Piſces	10	28		The weather
10	a	Damaſcus		25	29		♂ Sta. ad Ret.
11	b	Sun in Capr.	Aries	9	♈		
12	c	Epimachus		23	1		
13	d	Lucy virg.	Taur.	6	2		♂ ♄ ☿ ☌
14	e	Nicaſius		20	3		△ ♂ ♀ 7 M.
15	F	3 ſun. in Adv.	Gem.	3	4		Clear and
16	G	O Sapientia		16	5		froſty.
17	a	Lazarus	Canc.	0	6		
18	b	Ember week		12	7		□ ♃ ♀ 11 M.
19	c	Nemeſius		25	8		
20	d	Julian faſt.	Leo	7	9		
21	e	S. Thomas		20	10		
22	F	4 in Advent.	Virg.	2	11		
23	G	Victorian		13	12		Seaſonable
24	a	Ad. & Ev. faſt		25	13		for the time
25	b	Chriſt born	Libra	7	14		of the
26	c	S. Stephen		19	15		✶ ♃ ☿ 16 M.
27	d	S. John	Scorp.	1	16		year.
28	e	Innocents		14	17		✶ ♄ ♂ ☌
29	F	1 ſun. af. Chr.		26	18		
30	G	Euſtach	Sagit	9	19		
31	a	Silveſter		23	20		

Now cold December is come in,
The poor mans back thats clothed thin:
Feed and clothe him as you may,
The Lord will it threefold repay.

December 1678.

	Sun-rising		Sun-setting	
1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	43
17	8	16	3	43
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	8	13	3	47
25	8	12	3	48
26	8	11	3	49
27	8	10	3	50
28	8	9	3	51
29	8	8	3	52
30	8	7	3	53
31	8	6	3	54

A Regal Table in a more exact manner.

The Year, Moneth, and Day, (accounting the Year to begin *Jan.* 1.) whereon every K. and Q. of *Eng.* since the Conq. began their Reign.				The number of Years, Moneths, & Days, that every K. & Q. reign-ed 28 da. to a mon.				The num. of y. expired in this y since they began to reign: as also since they ended.		
K. W. Conq.		1066	Octob. 14	20 y	11 m	22 d		612		
W. Rufus		1087	Sept. 9	12 y	11 m	18 d		591	W Conq.	
Henry	1	1100	August 2	35 y	4 m	11 d		558	W. Rufus	
Stephen		1135	Decem. 1	18 y	11 m	18 d		543	Henry	1
Henry	2	1154	Octob. 25	34 y	9 m	2 d		524	Stephen	
Richard	1	1189	July 6	9 y	9 m	0 d		489	Henry	2
John		1199	April 6	17 y	7 m	0 d		479	Richard	1
Henry	3	1216	Octob. 19	56 y	1 m	0 d		462	John	
Edward	1	1272	Nov. 16	34 y	8 m	6 d		406	Henry	3
Edward	2	1307	July 7	19 y	7 m	5 d		371	Edward	1
Edward	3	1327	Jan. 25	50 y	5 m	7 d		352	Edward	2
Richard	2	1377	June 21	22 y	3 m	14 d		301	Edward	3
Henry	4	1399	Sept. 29	13 y	6 m	3 d		279	Richard	2
Henry	5	1413	Marc. 20	9 y	5 m	24 d		265	Henry	4
Henry	6	1422	Aug. 31	38 y	6 m	16 d		256	Henry	5
Edward	4	1461	March 4	22 y	1 m	8 d		218	Henry	6
Edward	5	1483	April 9	0 y	2 m	18 d		195	Edward	4
Richard	3	1483	June 22	2 y	2 m	5 d		195	Edward	5
Henry	7	1485	Aug. 22	23 y	10 m	24 d		193	Richard	3
Henry	8	1509	April 22	37 y	10 m	2 d		169	Henry	7
Edward	6	1547	Jan. 28	6 y	5 m	19 d		132	Henry	8
Q. Mary		1553	July 6	5 y	4 m	22 d		125	Edward	6
Q. Elizab.		1558	Nov. 17	44 y	4 m	15 d		120	Q. Mary	
K. James		1603	Mar. 24	22 y	0 m	3 d		76	Q. Elizab.	
Charles	1	1625	Mar. 27	22 y	10 m	3 d		52	K. James	
Charles	2	1649	Jan. 30	Long live the King				29	K. Charles	1

The use of this Table in Example.

King *Henry* 8 began his Reign in the year of *Christ* 1509, *April* 22. He Reigned 37 years, 10 moneths, and 2 days. It is since he began his Reign 169 years compleat the 22 of *April* this year 1678. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 132 years since he died, *January* 28. And so of the rest.

Dove

Dove 1678.

The latter part of this ALMANACK

For the year of our Lord God 1678:

Being second after Bissextile or Leap-year.

Wherein is contained the Eclipses, with other Celestial observations, also to know under what Planet any man or woman is born by their Visage, Hair, Stature, &c. The Numbers, Weights, and Measures used in England; with directions for husband-men, and Gardeners: A Table of Interest, a Tide-Table, with others.

Quoniam videbo Cœlos tuos opera digitorum tuorum: Lunam & Stellas quæ tu fundasti, quid est homo, quod memor es ejus? aut filius hominis, quoniam visitas eum. Psal. 8. 3.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 167[illegible].

Dove 1678.

Of the Eclipſes this year.

IN this year there will happen 5 Eclipſes, 3 of the Sun, and two of the Moon. The firſt will be an Eclipſe of the Sun April 11 at 3 in the morn. not viſible to us, but may be ſeen in *Tartary*, and the North East parts.

The ſecond is of the Moon on April 26, in 16 degr. of Scorpio, at 5 after noon, not viſible to us: the Moon being under the earth, but almoſt total in *Perſia*, and *Arabia Felix*, and thoſe South-eaſt parts.

The third will be of the Sun, October 5. at 5 in the Evening; it is ſmall in it ſelf, and the Sun juſt ſetting as to us, when he enters the Ecliptical limits. This Eclipſe happens near the fixed Star called the Virgins Spike, and may be ſeen of thoſe who inhabit far ſouth.

The fourth will be of the Moon Octob. the 19 at 8 at night: it happens in the 6 degree of Taurus, this Eclipſe may be ſeen in moſt parts of Europe: and it will appear totall in the moſt Northern parts of *America*.

The fifth will be of the Sun on the 4 of November, about 9 in the morning. But the Luminaries are diſtant from the North Node 16 degrees. It is in it ſelf very ſmall, viſible onely to thoſe far North.

Some

Some other Celeſtial Obſervations for this year.

THe 21 of January at 7 and 10 min. paſt, Saturn will be ſeen upon the Meridian, the Moon being about 4 degrees to the Eaſt, and Syrius the greater Dog will be in the South-Eaſt, and by South. having about 13 degr. of altitude. And at the ſame time the ſtar called the firſt Star in Aries, will be in the Southweſt and by Weſt, and half a point to the Weſtward, having 44 degrees of Altitude.

On the 25 of March there will happen a Conjunction of Mars and Jupiter, their Longitudes and Latitudes being equal, Mars Eclipſing Jupiter in the morning about three quarters of an hour before the Sun riſe, thoſe Planets then beginning to Aſcend our Horizon.

Upon the 23 of May, and 45 minutes paſt 9 at night, the Moon will be upon the Meridian: at which Ariſta or the Royal ſtar called the Virgins Spick will upon the South Southweſt point having 25 degrees of Altitude, this being a Star of the firſt Magnitude.

And at the ſame time the Star called the ſouth Balance, being a Star of the ſecond Magnitude, will be on the Eaſt ſide of the Moon within 1 degree 37 min. the Moon having South Latitude 43 min and the Star North-Latitude 26 min. they differ 1 degree 9 min.

Some rules whereby to know under what Planet any man is born, by his Viſage, Hair, Stature, and the like.

THoſe born under Saturn are cold, and dry, melancholy, of a middle ſtature, yet ſometimes tall, his complexion pale, twartiſh, or muddy, his eyes little and black, looking downward, a broad forehead, black or ſad hair, and is ſomewhat hard and rugged, great ears; hanging, lowring, eyebrows, thick lips, and noſe, a thin beard, a lumpiſh unpleaſant countenance, either holding his head forward, or ſtooping, his ſhoulders ſomewhat broad, and ſometimes crooked, his belly lank, his thighs lean and ſpare, his knees and feet indecent, many times ſhoveling, or hitting one againſt the other, they have oftentimes a ſtinking breath, and are ſeldom free from a cough, a great eater, he is crafty for his own ends, full of revenge, covetous, yet ſeldom rich.

Thoſe under Jupiter are hot, and moiſt, ſanguine, of an upright, ſtraight, tall, ſtature, of a brown, ruddy, lovely countenance; of an Ovall viſage, and yet full or fleſhy; high forehead, large gray eyes; his hair ſoft, and of a dark brown, gently curling; much beard, and of a flaxen, or ſandy colour, his teeth broad, and handſomely ſet; a neat body, ſtrong proportioned thighs and legs; onely his feet ſomewhat long, they being uſually the moſt undecent part of his body; in his ſpeech he is ſober, and of grave diſcourſe, not given to quarrel, liberal and religious.

Thoſe under Mars are hot, & dry, cholerick, of a middle ſtature, their bodies ſtrong, their bones big, rather lean then fat, of a high ſun-burnt colour, or like raw tanned leather, of a bold, fierce countenance, ſharp, ſparkling hazle-eyes, his hair both of head & beard is uſually red, & curling, (yet ſometimes I have known it black,) broad ſhouldered, bold and proud, given to mock, ſcorn, quarrel, game, drink, and wench, and ſometimes to ſteal, according to the ſign & houſe, which Mars is in at the time of birth, for if he be in the Houſe of ♀ the native

tive wencheth, if ☿ he will be a thief, if in his own he quarrels, if ♄ he is dogged, if ☾ he is a drunkard &c.

Thoſe under the Sun are hot and dry, of a large and ſtrong body, of an obſcure, or Saffron complection, a large forehead, great or goggle eyes, ſharp and piercing; a round face, and ſhort chin, yellowiſh hair, (and ſometimes dark) and curling, and bald betimes, a thick beard, a comely body, a man bold and reſolute, deſirous of praiſe, fame, and eſtimation, hath a clear voice, ſlow of ſpeech, but of a compoſed judgement, his teeth ſomwhat diſtort or obliquely ſet, of a healthfull conſtitution, but privately laſcivious, and inclinable to many vices.

Thoſe under Venus are cold, and moiſt, flegmatick, not very tall, whether they be men or women, a goodly fair, round viſage; a full, fair, lovely eye, ſometimes black, and rolling; a lovely mouth, and cherry lips, the face pretty fleſhy, the hair ſoft, and ſmooth, with plenty of it, uſually of a light brown colour, yet ſometimes black, a lovely delightfull body, exceeding well ſhaped, one that takes delight in trimming, and keeping himſelf neat both in body and cloaths, he hath often a love dimple in his cheeks, and full of amorous enticements.

Thoſe under Mercury are dry, of a tall ſtature, ſtraight, thin, ſpare body, an high fore-head, a narrow long face, long noſe, long arms, hands and fingers, long feet, and little legs, of an olive and cheſnut colour, his eyes neither perfectly black, nor gray, his hair of a ſad brown, inclining to blackneſs, a thin ſpare beard, and ſometimes none at all; he is a pratling, jeering, ſhifting, buſie fellow, and in walking he goeth nimbly, and would always be thought to be full of action; but if Mercury, at the time of Birth be Aſpected with any other Planet, the native doth uſually partake of the influence of that Planet, and thereby his complection happens to he different from what is here ſet down.

Thoſe under the Moon are cold, and moiſt, of a good ſtature, but no very handſome bodies, a round face, and

gray eyes, lowring, or whitely coloured, much hair on the head, face, and other parts, sometimes one eye a little bigger then the other, the hands short, and fleshy, the whole body plump, corpulent, and flegmatick; sometimes he, or she have freckles on their face, and a blemish in, or near their eye; a soft, tender creature, fearfull, delighting in novelties, often shifting his habitation, tampering many ways to trade, and sometimes a lor, delighting to live beggarly, and carelessly, and of no spirit, or forecast.

Thus have I given a brief account of the stature, shape, colour, and manners of men, and women, born under any of the Planets; but oftentimes the stature, shape, colour, &c. prove different from what is set down here, according as the Lord of the Ascendant, is placed in the figure of Heaven at the time of birth; or as he is Aspected with good or evil Planets, by evil, or friendly Aspects; or according to the sign the Sun is in; or from the season of the year.

Take this for a general rule, that melancholy people are slow in resolution, fraudulent, keeping close their counsels, prudent, severe, covetous, suspicious, sorrowfull, fearfull, jealous, froward, seldom forgetting injuries, ambitious, loving no mans esteem but their own.

Sanguine persons are merry and cheerful, liberal, faithfull, affable, peace-makers, open-hearted, modest, and religious.

The cholerick are full of anger, quarrelsome, revengefull, ambitious, importunate, imperious, hardy, rash, involving themselves into unnecessary troubles, seditious, yet many times ingenious, and easily changing their opinions.

The Phlegmatick are very cowards, uxorious, mutable, not capable of keeping any secrets, dull, and sleepy, and slow in performing any manner of business; if they be men, they are great wooers, and zelous in womens matters; if they be women they sometimes prove light and infamous.

A Table whereby you may find the time of highwater at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North	Quinborough, Southampton, Portsmouth Isle of Wight, Spits, Kentish-knock.	Ho.	M
		0	0
S. by w.	Rochester, Malden, Aberdeen, Redband.	0	45
S S. w.	Gravesen. Downs, Rumney Tenner, Silly.	1	30
S w. by S.	Dundee S. Andr S Lucas, Rell Isle, Holy Isl.	2	15
S. w.	Lond. Tinmout. Hartpool, Whitebay, Amf.	3	0
S w by w.	Barwi', Flambrough-h. Bridlington bay.	3	45
W. S w.	Scarborough. Severn, Mounts-bay, Kingsale.	4	30
W. by S.	Newcast. Humber, Falmouth. D rtmour.	5	15
E. and w	Plimouth, Weymou. Hull, Lyn, Antwerp.	6	0
E by S.	Bristol Foulness at the Start.	6	45
E S. E.	Milford, Bridgew. Landsen. Waterford.	7	30
S E by E.	Portlan. Pererport, Harflew, Hague Dubl.	8	15
S. E.	Pool, S. Hellen Orkney. Cames, Man Isle	9	0
S.E by S.	Needles, Laisto, North & South forelands	9	45
S. S. E	Yarmout. Dover, Harwich Calice-Road	10	30
S. by E.	Ry, Winchelsey, Gorce, Thames, Rhodes	11	15

Moons age.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Moon age
	16	17	18	19	20	21	22	23	24	25	29	27	28	2.	30	
is South at	12	1	2	3	4	4	5	6	7	8	8	9	10	11	12	M.
	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0	

The Tide Table Explained.

IN the first Column you have the point of the Compass to the which the Moon coming maketh full Sea at those Havens mentioned in the second Column, and in

the third Column are the hours and minutes to be added to the time of the Moons ſouthing. I ſhall make it plain by an example.

The 29 of March, this year 1678 I would know at what hour it will be full Sea at London-bridge. Firſt I find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 17 days old, which age I find at the bottom of the Tide table, and under the ſame 1 hour 36 minutes, the time of the Moons coming to the South then finding in the firſt Column that a South-weſt Moon makes full Sea at London, I add to her ſouthing 3 hours as is ſhewed in the laſt Column, and it makes 4 hours 36 minutes in the morning, the time of full Sea at London-Bridge; alſo obſerve that when the Moon cometh to the contrary (or North-eaſt) point it is there full Sea again.

Of ſome meaſures, weights, and numbers uſed in England.

ALe and Beer is meaſured by Pints, Quarts, Pottles, Gallons, Firkins, Kilderkins, and Barrels; yet with this difference, that the Barrel of Beer contains 36 Gallons, the Barrel of Ale but 32 Gallons.

Firſt therefore you are to underſtand, that in Beer-meaſure one Barrel is 2 Kilderkins, 4 Firkins, 36 Gallons, 72 Pottles, 144 quarts, 288 Pints.

Secondly, one Kilderkin is 2 Firkins, 18 Gallons, 36 Pottles, 72 Quarts, or 144 Pints.

Thirdly, one Firkin is 9 Gallons, 18 Pottles, 36 Quarts, 72 Pints.

Fourthly,

Fourthly, 1 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.

Fifthly, 1 Pottle is 2 Quarts, 4 Pints. One Quart is 2 Pints.

But in Ale measure, one Barrel is 2 Kilderkins, 4 Firkins, 32 Gallons 64 Pottles, 128 Quarts, 256 Pints.

Secondly, 1 Kilderkin is 2 Firkins, 16 Gallons, 32 Pottles, 64 Quarts, or 12 Pints.

Thirdly, 1 Firkin is 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.

Fourthly, 1 Gallon is 2 Pottles, 4 Quarts, 8 Pints.

Fifthly, 1 Pottle is 2 Quarts, or 4 Pints. 1 Quart 2 Pints.

Of Wine, oyl, and honey.

A Gallon of Wine contains 8 pound Troy-weight, by which the following vessels are measured; namely, 1 Tun makes 2 Butts, 4 Hogsheads, 8 Barrels, 14 Rundlets, 252 Gallons, 504 Pottles, 1008 Quarts, or 2016 Pints.

Secondly, 1 Butt or Pipe is 2 Hogsheads, 4 Barrels, 7 Rundlets, 126 Gallons, 252 Pottles, 504 Quarts, or 1008 Pints.

Thirdly, 1 Hogshead makes 2 Barrels, 3 Rundlets & an half, 63 Gallons, 126 Pottles, 252 Quarts or 504 Pints.

Fourthly, 1 Barrel makes 1 Rundlet & 3 parts, 31 Gallons and an half, 63 Pottles, 126 Quarts, 252 Pints.

Fifthly, 1 Rundlet is 18 Gallons, 36 Pottles, 64 Quarts or 128 Pints. Lastly, 1 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.

Of grain.

ALl sort of Grain is measured by Troy-weight, whereof 8 pounds make a Gallon, of which are made the following measures of Pints, Quarts, Gallons Pecks, and Bushels.

First you are to know, that the greatest measure of any kind

kind of Grain is a Laſt, which contains 10 Quarters, 20 Cornooks, or Coombs, 40 Strikes, 80 Buſhels, 320 Pecks 640 Gallons, 2560 Quarts, or 5120 Pints.

Secondly, 1 Quarter makes 2 Cornooks, 4 Strikes, 8 Buſhels 32 Pecks, 64 Gallons, 256 Quarts, or 512 Pints.

Thirdly, 1 Strike is 2 Buſhels, 8 Pecks, 16 Gallons, 32 Pottles, 64 Quarts, or 128 Pints.

Fourthly, one Buſhel is 4 Pecks, 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.

Fifthly, 1 Peck is 2 Gallons, 4 Pottles, 8 Quarts, or 16 Pints.

Of Iron and Lead.

IRon is numbred by the pound, hundred, and Tun; and Lead by the pound, hundred, and Fodder. One Tun of Iron is 20 hundred, or 2240 pound; and an hundred weight is 112 pound.

Again, 1 Fodder of Lead is 19 hundred and an half, and an hundred weight is 112 pound.

And here alſo take notice, that Tin, Copper, and Lattin have 112 pounds to the hundred.

Of Fiſh.

Ling, Cod, or Haberdine, have 124 to the hundred; Stock-Fiſh and Herring 120 to the hundred, and 10000 to the Laſt, which is 12 Ale Barrels. Some Statutes meaſure Salmons, and Eels by Ale measure.

Of Furrs.

Grays, Martins, Sables, Jenits, Minks, and Filches, have 4 skins in the Timber, Lamb, Corey, Kid, Cat, and Budge, have five ſcore in the hundred.

Calves skins are reckoned by the dozen, and Goats by the kip, which is 50 skins. A Laſt of Leather is 20 Dickers, or 200 Hides, a Dicker is 10 Hides.

Of Paper and Parchment.

A Bale of Paper is 10 Ream, or 200 Quires; a Ream is 20 Quires, or 500 Sheets, a Quire is 25 Sheets.

A Rowl of Parchment is 5 dozen, or 60 Skins; a dozen is 12 Skins.

Of Wooll.

A Stone of Wooll is 14 pound, a Tod 28 pound; 6 Tods and an half make a Wey, which is 182 pound: two Weys make a Sack or 364 pound; and 12 sacks make a Last, which is 4368 pound: so that a Sack of Wooll contains 26 Stone, and a Last 256 Tods, or 312 Stone.

Of a year.

AN exact solar year contains 365 days, 5 hours, 49 minutes, and 4 seconds: otherwise it contains 12 solar moneths, 52 weeks, 365 days 8765 hours. or 525949 minutes.

Of Weights in general.

OF Weights there are two sorts used in England, viz. Troy weight and Avoirdupois. In Troy weight 24 grains of wheat make a peny weight, 20 peny weight make an ounce, 12 ounces a pound, by this weight are weighed Pearls, pretious Stones, Gold, Silver, Bread, and all manner of Corn and Grain.

The pound Avoirdupois contains 16 ounces, but the ounce Avoirdupois is lighter then the ounce Troy by almost one 12 part, so that 60 pound Avoirdupois is equal to 73 pound Troy; by this weight is weighed all Grocery-ware, Flesh Butter, Cheese, Iron, Hemp, Tallow, Wax, Lead; and all things whereof comes waste.

A Table for buying or selling any thing by the Hundred, counting 112 to the Hundred.

d	q	l	s	d	d	q	l	s	d
	1	0	2	4	9	1	4	6	4
	2	0	4	8		2	4	8	8
	3	0	7	0		3	4	11	0
1	0	0	9	4	10	0	4	13	4
	1	0	11	8		1	4	15	8
	2	0	14	0		2	4	18	0
	3	0	16	4		3	5	0	4
2	0	0	18	8	11	0	5	2	8
	1	1	1	0		1	5	5	0
	2	1	3	4		2	5	7	4
	3	1	5	8		3	5	9	8
3	0	1	8	0	12	0	5	12	0
	1	1	10	4		1	5	14	4
	2	1	12	8		2	5	16	8
	3	1	15	0		3	5	19	0
4	0	1	17	4	13	0	6	1	4
	1	1	19	8		1	6	3	8
	2	2	2	0		2	6	6	0
	3	2	4	4		3	6	8	4
5	0	2	6	8	14	0	6	10	8
	1	2	9	0		1	6	13	0
	2	2	11	4		2	6	15	4
	3	2	13	8		3	6	17	8
6	0	2	16	0	15	0	7	0	0
	1	2	18	4		1	7	2	4
	2	3	0	8		2	7	4	8
	3	3	3	0		3	7	7	0
7	0	3	5	4	16	0	7	9	4
	1	3	7	8		1	7	11	8
	2	3	10	0		2	7	14	0
	3	3	12	4		3	7	16	4
8	0	3	14	8	17	0	7	18	8
	1	3	17	0		1	8	1	0
	2	3	19	4		2	8	3	4
	3	4	1	8		3	8	5	8
9	0	4	4	0	18	0	8	8	0

The use of the foregoing Table.

IF you buy any thing by the hundred (which contains 112 pound) you may find by this Table what it cost by the pound; or if you buy by the pound, you may find what the hundred comes to.

Example, if one pound cost 4 pence 3 farthings, what will the hundred cost?

Look in the first Column for 4 pence 3 farthings, (finding 4 pence under d, and 3 farthings under q,) and right against it in the second Column you will find 2 pound, 4 shillings, 4 pence, and so much will 112 pound cost.

Again, if an hundred weight cost 4 pound, 1 shilling, 8 pence, what will one pound cost?

Look in the Table, and find 4 pound, 1 shilling, 8 pence, at the bottom of the second Column; and against the same in the first Column, you shall find 8 pence, 3 farthings, and so much will 1 pound cost.

Another example, one buys an hundred weight of any commodity, which costs him 4 pound 1 shilling, 8 pence, and he sells the same by retail at 10 pence the pound, what doth he gain by selling the hundred weight at that rate?

Against 10 pence the pound in the third Column, you will find the price of the hundred, in the fourth Column, to be 4 pound 13 shillings, 4 pence, from whence take 4 pound 1 shilling 8 pence (the price which the hundred cost) and there remains 11 shillings 8 pence, and so much doth he gain in the hundred by retail at 10 pence the pound.

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds, for a year or under, after the rate of six pounds in the hundred.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.
5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	1
1	0	1	0	0	3	2	0	7	0	0	10	1	1	2	1
2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
5	0	6	0	1	6	0	3	0	0	4	6	0	5	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
8	0	9	2	2	4	2	4	9	1	7	3	1	9	6	3
9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.
10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

1 shill. 1 Pounds. 1 1 Tens of pounds.

Find the principal in the first Column, & in the other you have the interest due for one, three, six, nine, or twelve moneths.

Some

Some brief Rules for Husbandmen.

FIrſt obſerve this general rule, plant, ſow, and cut, ſuch things as you would have to grow, or bear fruit quickly, in the New Moon, if it may be done with convenience; for it hath been obſerved that thoſe things which are ſet or ſown in the Wane, or decreaſe of the Moon, are longer before they bear fruit, and the fruit not ſo good as thoſe which were ſet in the New Moon: on the contrary, ſuch things as you would have to grow ſlowly or not at all, plant, cut, or pluck them up in the decreaſe of the Moon, as Vines being ſubject to run out much into binds and leaves, are beſt to be cut in the Old Moon; ſo alſo is Timber, for then it is drieſt, and will laſt longeſt, for moiſture is the cauſe of corruption. Remove, or plant trees every New Moon from November till February, in December and January, prune and nail up fruit-trees and Vines, and plant quickſets. Sow kernels and ſtony ſeeds, as alſo Beans, Peaſe, and hardy pot-herbs, as Radiſh, Parſneps, Onions, Parſley, Spinage, &c. in February, at the later end of which moneth you may begin to Graff if the weather proves mild, and ſo continuing all March unleſs the ſpring prove very forward, beginning with Plumbs and Pears, and ending with Apples. At the later end of March, or in April, when the froſt, and cold winds are over. ſow tender ſeeds as Sweet Marjoram, Purſlan, painted-Beans, &c. at which time clip Box, Cypreſs, and ſuch like ſhrubs. Inoculate in June and July. Gather ſuch fruit and ſeeds as you intend to keep, about the Full Moon, in dry weather.

An

An exact rule whereby you may know what any one receives, or expends in a year; by knowing what they receive, or expend in one day.

IN the first place you are to know that the common year contains 365 days, the Leap-year 366 days.

Suppose a man receives, or spends a peny a day, what is that in a year, say one pound, one half pound one groat, one peny which being added together make 30 shillings and 5 pence And if 6 pence a day be received, or spent, then say 6 pounds, 6 half pounds, 6 groats, and 6 pence, which being added together, make 9 pound, 2 shillings, and 6 pence for the year.

But if the sum you receive, or expend in one day extend to shillings, you must reduce it into pence, suppose it be 5 shillings a day, which makes 60 pence, then as before, say 60 pounds, 60 half pounds, 60 groats, and 60 pence, which being added together, makes 91 pound, 5 shillings for the year.

This rule is exact for any common year, but if it be Leap-year, you must add the expence of one day more, to the total sum.

And here my task must end; and what I've writ,
Unto the readers judgement I commit:
If in my work thou shalt some errors find,
I hope to pardon them thou wilt be kind,
And do not blame the Art, the errour mine is
And to my faults, I here shall put a-

FINIS.